



Missouri Crop Progress and Condition

Released July 19, 2021

There were 3.4 days suitable for fieldwork for the week ending July 18, 2021. Temperatures last week averaged 75.2 degrees statewide, 3.0 degrees below normal. Precipitation averaged 1.88 inches, 1.24 inches above normal. Topsoil moisture supply was rated 2 percent short, 78 percent adequate, and 20 percent surplus. Subsoil moisture supply was rated 3 percent short, 83 percent adequate, and 14 percent surplus. Corn silking was 64 percent, compared to the 5-year average of 80 percent. Corn dough was 19 percent, compared to the 5-year average of 16 percent. Corn condition was rated 2 percent very poor, 7 percent poor, 29 percent fair, 53 percent good, and 9 percent excellent. Soybeans blooming was 33 percent, compared to the 5-year average of 45 percent. Soybeans setting pods was 10 percent, compared to the 5-year average of 15 percent. Soybeans condition was rated 2 percent very poor, 6 percent poor, 36 percent fair, 51 percent good, and 5 percent excellent. Cotton squaring was 99 percent, compared to the 5-year average of 70 percent. Cotton setting bolls was 38 percent, compared to the 5-year average of 24 percent. Cotton condition was rated 7 percent poor, 26 percent fair, and 67 percent good. Rice headed was 18 percent, compared to the 5-year average of 15 percent. Rice condition was rated 2 percent poor, 29 percent fair, 51 percent good, and 18 percent excellent. Winter wheat harvested for grain was 96 percent, compared to the 5-year average of 99 percent.

Days Suitable for Fieldwork and Soil Moisture Supply: Week Ending July 18, 2021

State	Days Suitable for Fieldwork	Topsoil Moisture Supply				Subsoil Moisture Supply			
		Very Short	Short	Adequate	Surplus	Very Short	Short	Adequate	Surplus
		(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Missouri	3.4	-	2	78	20	-	3	83	14

- Represents zero.

Crop Progress – Missouri

Item	Week ending			2016-2020 Average
	July 18, 2021	July 11, 2021	July 18, 2020	
	(percent)	(percent)	(percent)	(percent)
Corn silking	64	39	77	80
Corn dough	19	2	21	16
Soybeans blooming	33	20	50	45
Soybeans setting pods	10	4	19	15
Cotton squaring	99	94	38	70
Cotton setting bolls	38	23	9	24
Rice headed	18	3	7	15
Winter wheat harvested	96	88	98	99
Alfalfa hay 2nd cutting	63	49	81	82
Other hay cut	85	82	93	93

Corn Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
July 18, 2021	2	7	29	53	9
July 11, 2021	2	7	30	53	8
July 18, 2020	1	5	22	55	17

Soybeans Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
July 18, 2021	2	6	36	51	5
July 11, 2021	2	6	36	51	5
July 18, 2020	1	5	29	52	13

Cotton Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
July 18, 2021	-	7	26	67	-
July 11, 2021	-	7	24	69	-
July 18, 2020	10	10	41	39	-

- Represents zero.

Rice Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
July 18, 2021	-	2	29	51	18
July 11, 2021	-	3	28	51	18
July 18, 2020	1	6	31	41	21

- Represents zero.

Pasture Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
July 18, 2021	1	4	22	62	11
July 11, 2021	-	3	26	66	5
July 18, 2020	1	8	35	53	3

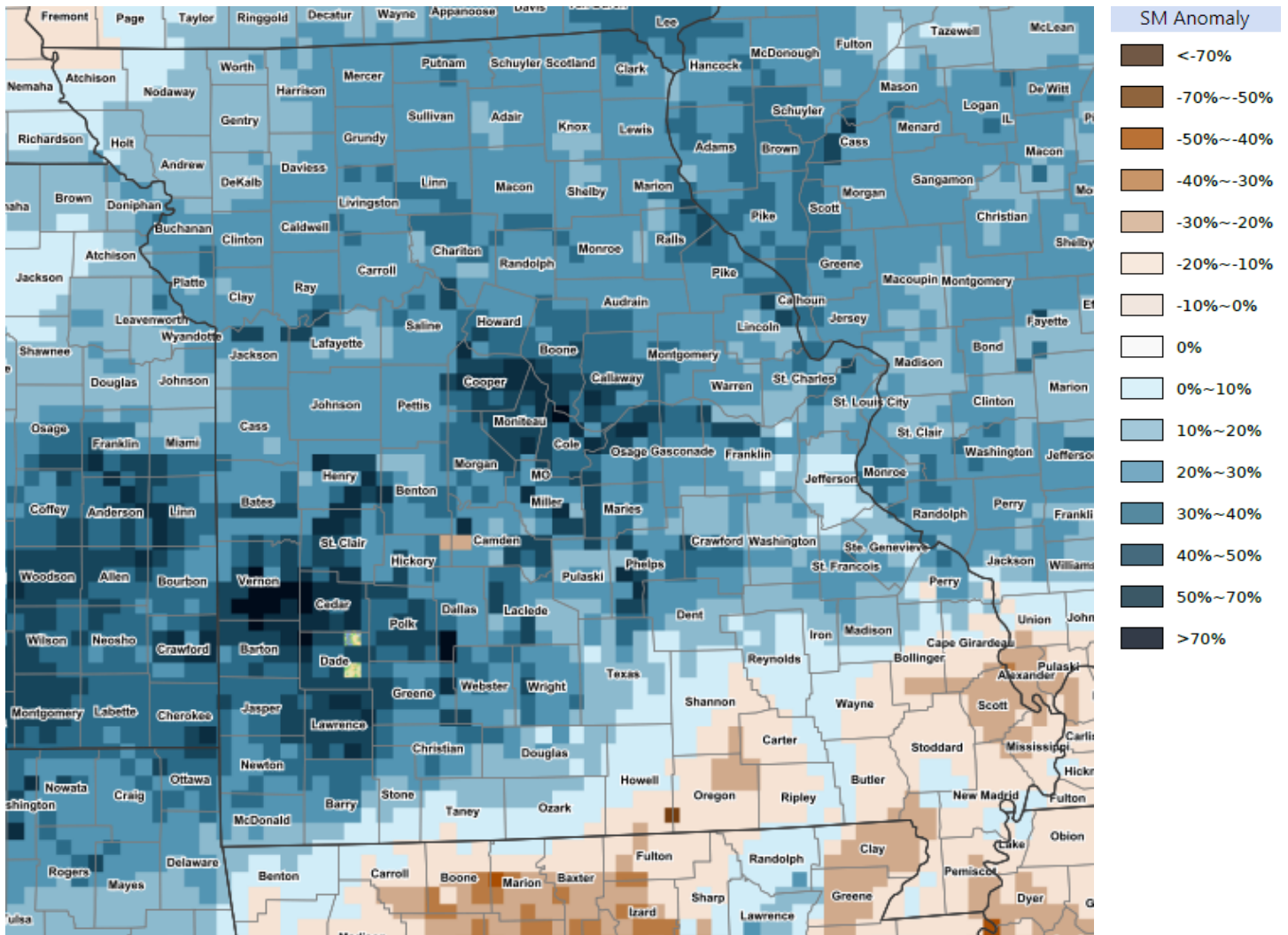
- Represents zero.

Supply of Hay and Other Roughages and Stock Water Supply: July 18, 2021

State	Supply of Hay and Other Roughages				Stock Water Supply			
	Very Short	Short	Adequate	Surplus	Very Short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Missouri	1	7	82	10	-	1	85	14

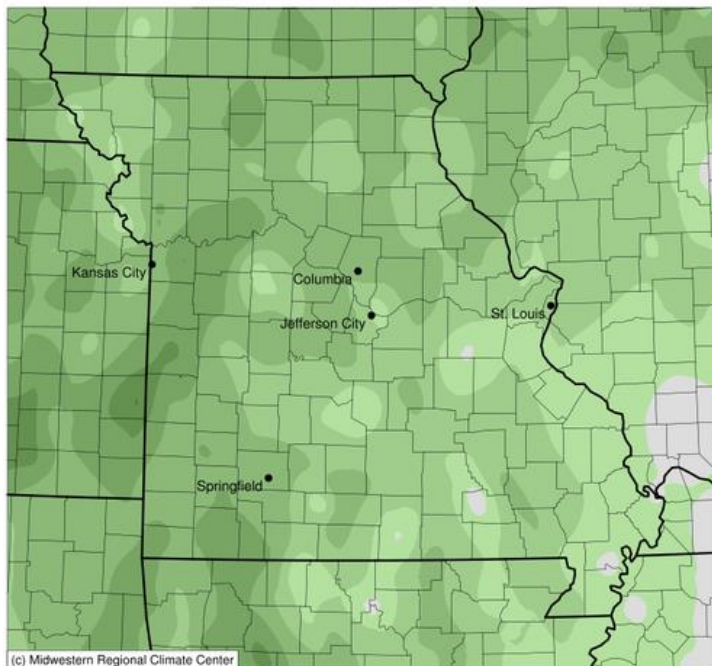
- Represents zero.

Soil Moisture Deviation from Historical Average – July 16



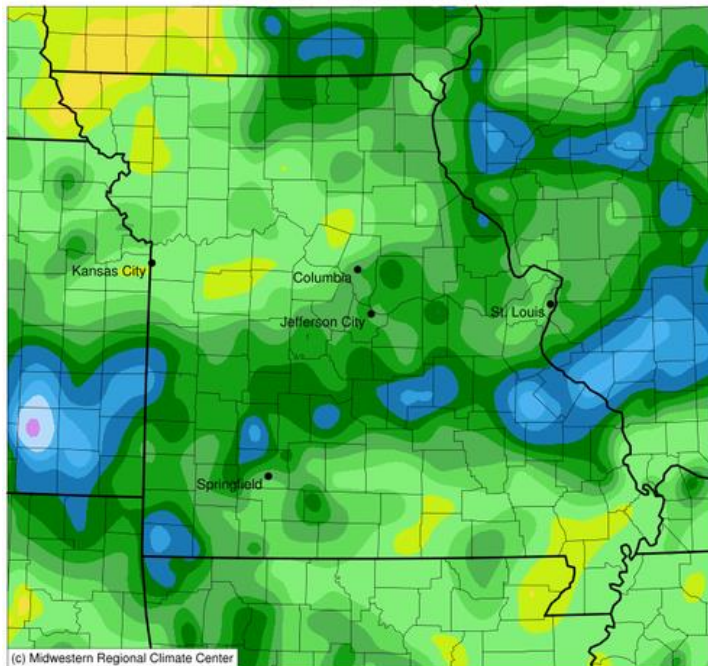
<https://cloud.csiss.gmu.edu/Crop-CASMA/>
(historical average includes 2015-2020)

Average Temperature (°F): Departure from 1991-2020 Normals
July 12, 2021 to July 18, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
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Accumulated Precipitation (in)
July 12, 2021 to July 18, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
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